

Title (en)  
HIGH THROUGHPUT ELECTROBLOWING PROCESS

Title (de)  
HOCHLEISTUNGSELEKTROBLASVERFAHREN

Title (fr)  
PROCESSUS DE SOUFFLAGE ÉLECTRIQUE À HAUT RENDEMENT

Publication  
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Application  
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Abstract (en)  
[origin: WO2010028326A1] The present invention is a fiber spinning process comprising the steps of providing a polymer solution, which comprises at least one polymer dissolved in at least one solvent with a vapor pressure of at least about 6 kPa at 25°C, to a spinneret, issuing the polymer solution in combination with a blowing gas in a direction away from at least one spinning nozzle in the spinneret and in the presence of an electric field wherein the polymer solution is discharged through the spinning nozzle at a discharge rate between about 6 to about 100 ml/min/hole, forming fibers, and collecting the fibers on a collector.

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